

**AMENDMENTS TO THE SPECIFICATION**

Please replace Paragraph 0023 with the following rewritten paragraph:

-- Alternatively, the thermocouple can comprise a thermocouple film deposited on the base dielectric film and extending beyond an edge of the base dielectric film to form a thermocouple junction with the substrate when such substrate comprises an electrically conducting material. For example, Figure 9 shows a perspective view of such an embodiment of the present invention. Base film 10 comprising a dielectric material is disposed on substrate 20. Thermocouple film 30 is disposed on base film 10 and extends beyond edge 12 of base film 10 to contact substrate 20 and forms thermocouple junction 50 with substrate 20. --

Please insert the following paragraph immediately after Paragraph 0019:

-- Figure 9 shows a perspective view of an embodiment of the present invention wherein an electrically conducting film is extended beyond an edge of the base dielectric film to form a thermocouple junction with the base metal substrate. --